Program of Study
Career Field: Industrial, Manufacturing, and Engineering Systems
Career Cluster: Architecture and Construction
Career Pathway: Construction

Northeast Community College

DEGREE:
Electrical Construction and Control
http://www.northeast.edu/Degrees-and-Programs/Electrical-Construction-and-Control

	GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	GENERAL ELECTIVES	PATHWAY ELECTIVE COURSES	EXTENDED LEARNING SCHOOL/COMMUNITY ACTIVITIES
HIGH SCHOOL	9	English/Language Arts I	Algebra I	Physical Science	Geography	World Languages and Cultures Physical Education Health Education Information Technology Applications I Entrepreneurship CAD (Computer Aided Drafting) Construction Drafting Housing and Home Furnishing Manufacturing/Woodworking	Intro to Built Environment *Plus two from the following:* Principles of Construction Applications in Construction Electricity in the Construction Industry Electricity-Comprehensive	*School Activities:* FFA, SkillsUSA, OPPD/NPPD Power Drive, Math Club, Mathcounts *Community Activities:* Connect with architects Do home repair projects Work with a contractor Learn about history of building in your community Part-time job within career cluster Internship within career cluster
	10	English/Language Arts II	Geometry	Biology	World History			
	11	English/Language Arts III	Algebra II	Chemistry	American History			
	12	English/Language Arts IV	Intro to Statistics Descrete Math Pre-Calc	Physics	American Government or Economcis			

NORTHEAST COMMUNITY COLLEGE		COMMUNICATIONS	MATH	SCIENCE	SOCIAL SCI/ HUMANITIES	DEGREE REQUIREMENTS	MAJOR COURSES				
	13		Applied Mathematics I	Basic Computer Applications	Personal & Business Finance		Basic Electricity and Lab	Electrical Wiring and Lab	National Electric Code I	National Electric Code II	Electrical Wiring II and Lab
			Applied Mathematics II				Motor Control and Lab	Blue Print and Cost Estimating	First Aid	Cooperative Internship I	
	14	Career Composition			Human Relations		Motor Theory and Application and Lab	Automation Fundamentals and Lab	Electrical Energy Conservation I	Electrical Troubleshooting and Lab	Control Wiring and Solit State and Lab
							Electrical Energy Conservation II and Lab	Solit State Fundamentals			